	ALE ALE	71 Eu	
Rev. 5/92) TRADEME	Attorney Docket Number	Serial Number
Inform	mation Disclosure Statement Life:	MLY-5	09/551,380
	By Applicant	Applic	cant
Und	er 37 CFR Section 1.98(a) (1)	Chang	
(Use	several sheets if necessary)	Filing Date	Group
		April 18, 2000	1643
NOTE:	If no indication is made in the co copy of the corresponding item is required and/or not submitted, for number is listed in "COPY NOTE" co	submitted herewith; otherwise, a the following reason(s) (corres	copy is not

Both reasons (1) and (2) apply No legible complete copy is possessed, in custody or controlled, or readily available (3) (4)

		1				_	_				CUMEN.	_				_	_	_			
EXAMINER INITIALS				PAT	ENT	EE	NA	Œ					PAI	TEN	T N	UM8	ER		I SSUE DATE		COPY NOTE
117		Chalfie	et e	s l								5	4	9	1	0	8	4	02/	13/96	
į,		Tsien e	Tsien et al									5	6	Z	5	0	4	8	04/2	29/97	
		Tsien e	Tsien et al									5	7	7	7	0	7	9	07/0	07/98	-
		Cormack	Cormack et al									5	8	0	4	3	8	7	09/0	08/98	
												1									
												Ĭ									
															,						
					ا	FOR	EIG	N P	ATE	NT DO	CUMEN	175									
XAMINER INITIALS	co	UNTRY			000	UME	NT	NUI	18E)	1	F		LIC	CAT	ON			TR/	MSLAT	TION	COPY
			Ц,			_					\perp			··-			YES	:	NO	N/A	KOJE
			\prod	\perp	_				_							\downarrow					
			Ц	4							\perp					╛					
			Ц	4	\downarrow						1					1					
1 1			H		- 1	١					ſ					1		Į			

*"WO" means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56(c).

EXAMINER INITIALS	OTHER DOCUMENTS Specify author (if any), Title, Pertinent Pages, Date & Place of Publication	COPY NOTE
EXAMINER		
	Masia Timae DATE CONSIDERED	105
Examiner:	initial if citation considered, whether or not citation is in conformance with Draw line through citation if not in conformance and not considered. Include this form with the next communication to applicant.	MPEP 609; a copy of

(Rev. 5/92)	Attorney Docket Number	Serial Humber
Information Disclosure Statement List	MLY-5	. 09/551,38 0
By Applicant		
Under 37 CFR Section 1.98(a) (1)	Appl i Chang	
(Use several sheets if necessary)		
	Filing Date	Gronb
	April 18, 2000	1643



If no indication is made in the column marked "COPY NOTE," the required legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]: NOTE:

- (1) This item is cumulative, per Rule 98(c)
 (2) A copy of this item was previously cited by or submitted to the U.S. Patent and Trademark Office in:

USSN	, filed	, 0
USSN	, filed	
relied on under 35	U.S.C. Section 120, per Rule 9	8(d)

- (3) (4)
- Both reasons (1) and (2) apply No legible complete copy is possessed, in custody or controlled, or readily available

						U.	. s.	. P#	ITEN	T D	CUM	ENTS										
· EXAMINER INITIALS				PA'	TENI	33	NAP	Æ					PA	TEN	T NL	M81	ER		I SSUE DATE			COPY NOTE
				•												1	T					
												Π		Γ	П		T					
															П		$ box{}$					
			.•																			
															П							
												Π			П		\prod					
																	\prod					
•												Π										
							•															
						FOR	EIG	H P	ATE	NT (ocu	(ENT	s									
EXAMINER INITIALS	COL	JNTRY		•	000	UK	ENT	NU	Œ	ì		PU		CAT ATE	ION		ī	RANSL	ATI	CN		COPY
141112			\perp			_				٠				NIE.		┙	YES	NO	1	N/A		NUIE
				Ш		L	L															
																\prod						
																			1			

""NO" means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56(c).

EXAMINER INITIALS	OTHER DOCUMENTS Specify author (if any), Title, Pertinent Pages, Date & Place of Publication	NOTE
CDI	Thornberry et al, "A Combinatorial Approach Defines Specificites of Membes of the Caspase family and Granzyme B", <u>The Journal of Biological Chemisty</u> , Vol 272, No. 29, Issue of July 18, pp 17907-17911, 1997, USA.	
	"ApoAlert" CPP32 Protease Assay Kits", CLONTECHniques, January, 1997, pp 4- 6, USA	
EXAMINER	Mustin Lande DATE CONSIDERED/6	105
Examiner:	initial if citation considered, whether or not citation is in conformance with Draw line through citation if not in conformance and not considered. Include this form with the next communication to applicant.	

(R 6) 5/92)	Attorney Docket Number	Serial Number	
Information Disclosure Statement List	MLY-5	09/551,380	
By Applicant	Applicant		꿈
Under 37 CFR Section 1.98(a) (1)	Chang et al		E
(Use several sheets if necessary)	Filing Date	Group	-K
	04/18/2000	1652	
	Confirmation No. 2514		1900/23
NOTE: If no indication is t	made in the column marked "COPY NO	TF " the required	_{{i}}

legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]"

- (1) This item is cumulative, per Rule 98(c)
- (2) A copy of this item was previously cited by or submitted to the U.S. Patent and Trademark Office in:

USSN USSN filed Relied on under 35 U.S.C. Section 120, per Rule 98(d)

- (3) Both reasons (1) and (2) apply
- (4) No legible complete copy is possessed, in custody of controlled, or readily available

U.S. PATENT DO	CUMENTS							
EXAMINER INITALS	PATENTEE NAME	PATE	NT NU	MBE	R		ISSUE DATE	COPY NOTE
	_							

FOR	FOREIGN PATENT DOCUMENTS															
	AMIN ITIAL		COUNTRY	DOO				•			PUBLIC DA		TRA	NSLA	TION	COPY NOTE
<u>l</u>													YES	NO	N/A	
					T	Τ	Т	T	Т	T			1	1	1	

*"NO" means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56(c).

EXAMINER	OTHER DOCUMEN	VTS	COPY
INITIALS	Specify author (if any), Title, Pertinent Pages,	Date & Place of Publication	NOTE
COF	Geoffrey S. Baird et al, "Circular permutation and receptor insertion within green fluorescent proteins," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 96, pp. 11241-11246	September, 1999, US	-
	Mats Ormo et al, "Crystal Structure of the Aequorea victoria Green Fluorescent Protein", Science, Vol. 273, pp. 1392-1395.	6 September 1996, US	
	Fan Yang et al, "The molecular structure of green fluorescent protein", <i>Nature Biotechnology</i> , Vol. 14, pp. 1246-1251.	14 October 1996, US	
	Rebekka M. Wachter et al, "Crystal Structure and Photodynamic Behavior of the Blue Emission Variant Y66H/Y145F of Green Fluorescent Protein", Biochemistry 1997, Vol. 36, pp. 9759-9765	1997, American Chemical Society, US	
	Daniel Yarbrough et al, "Refined crystal structure of DsRed, a red fluorescent protein from coral, at 2.0-A resolution", <i>Proc Natl Acad Sci USA</i> , Vol. 98, pp. 462-467.	January 16, 2001, US	
EXAMPLER	la L. Tambe	DATE CONSIDERED	-

initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

(0)										
(Rev. 5/92)			A	Attorney D	ocket Nu	nber:	Se	rial Nu	ımber:	\neg
	Disclosure St			M	ILY-5		(09/551	,380	
	By Applicant(s	-				Applicant:				
1	CFR Section	-			C	Chang et al				
(Use seve	Tal storping	ecessary)		Fili	ng Date:		Gr	oup Ar	t Unit:	\dashv
/	'	8		April	18, 2000			165	2 .	
	MAY 3 1 200	s 8		Confir	nation No	:				
, q	2.	y So		:	2514	<i>'</i>				.
NOTE	legit is no	Relied on un Both reason No legible of readily avail	corresponder not so ted in " cumulation is item frademation is item ander 35 s (1) an complete lable	onding iter ubmitted, COPY NO ative, per was prev ark Office U.S.C. So d (2) apple e copy is	m is subm for the foll OTE" colu Rule 98(c) iously cite in: fill cction 120 y	itted herew lowing rea mn]" d by or sul ed ed in custody	vith; oth son(s) [bmitted ; 98(d)	erwise corresp to the or	, a copy conding U.S.	
U.S. PATENT		Per the U.S. the item is a application S TEE NAME	U.S. pa was file	atent or pa	itent appli ne 30, 200	cation pub	lication,	and the	COP NOT	Y
			- -		1 1	т т	-			
U.S. PATENT A EXAMINER INITIALS FOREIGN PAT	APPLICAN	TT'S NAME		CATION	NUMBE	R PU	JBLICA DAT		COP	
		TEN 19								
EXAMINER INITIALS	COUNTRY	DOCUMENT	NUMI	BER .		CATION	TRA	NSLA NO	TION N/A	COPY NOTE
						•				
*'NO" means the of, or is readily at EXAMINER INITIALS	available to an	y individual de	Signate	d in Rule	56(c). ENTS	he possess	ion, cus	tody, a	contro	

EXAMINER INITIALS	OTHER DOCUMENTS Specify author (if any), Title, Pertinent Pages, Date & Place of Publication	
cII	Abstract of Article - Engineering green fluorescent protein for improved brightness, longer wavelengths and fluorescence resonance energy transfer, R. Heim and T. Y. Tsien, Curr. Biol., February 1996, 1 page	NOTE

(Rev. 5/92)	Attorney Docket Number:	Serial Number:		
Information Disclosure Statement List	MLY-5	09/551,380		
By Applicant(s)	Applicant:			
Under 37 CFR Section 1.98(a) (1)	Chang et al.			
(Use several sheets if accessary)	Filing Date:	Group Art Unit:		
	April 18, 2000	1652		
MAY 3 1 2005 E	Confirmation No:			
	2514			
		l		

		Transition of the second		
		Article - Detection of programmed cell		-
1	_	death using fluorescence energy transfer,]	
07	"	Xiang Xu, Amy L. V. Gerard, Betty C. B.		
10	1	Huang, David C. Anderson, Donald G.	· ·	
١.		Payan, and Ying Luo, Nucleic Acids		
1 1		Research, Vol. 26, No. 8, 1998, pp. 2034-	·	
		2035		
		Article - Dual Labeling Using ECFP &		_
	1	EYFP in Standard Fluorescence Microscopy,	1	
	l	Brigitte Angres & Gisele Green,	'	
		CLONTECH, April 1999, 2 pages		
		Article - Understanding, improving and		_
		using green fluorescent proteins, Andrew B.	!	
ŀ)	Cubitt, Roger Heim, Stephen R. Adams,		
'		Aileen E. Boyd, Larry A. Gross, and Roger		
	l I	Y. Tsien, Techniques, TIBS 20, November	·	
		1995, pp. 448-455		
		Product Information on ApoAlert™ Caspase		_
		Assay Kits from CLONTECH, 1 page	<u> </u>	
		Product Information on Living Colors™		
lí		pEBFP-N1 & -C1 Vectors from	·	
		CLONTECH, 2 pages		
		Query Result Browser on Green Fluorescent	www.rcsb.org	_
		Protein from Protein Data Bank, 4 pages		
I		Summary Information - Blue Variant Of	www.rcsb.org	
i I		Green Fluorescent Protein by R. M. Wachter,		
		and S. J. Remington from Protein Data Bank,	*	
		Deposition Date: 04/09/1997		
		Summary Information - Green Fluorescent	www.rcsb.org	
		Protein (Gfp) From Aequorea Victoria, Gln		
1		80 Replaced With Arg by K. Brejc and T.		
		Sixma from Protein Data Bank, Deposition		
		Date: 01/08/1997		
		Summary Information - Green Fluorescent	www.rcsb.org	_
		Protein From Aequorea Victoria by M. Ormo	-	
		and S. J. Remington from Protein Data Bank,		
	\vdash	Deposition Date: 08/01/1996		
		Summary Information - Green Fluorescent	www.rcsb.org	
	ll	Protein From Aequorea Victoria, Mutant by		
	1	G. Palm, Z. Zdanov, and A. Wlodawer from	ļ ,	
	1	Protein Data Bank, Deposition Date:		
	1	03/31/1997		
	1	Summary Information - Green Fluorescent	www.rcsb.org	_
		Protein Mutant F99S, M153T and V163A by		
		R. Battistutta, A. Negro, and G. Zanotti from		
•		Protein Data Bank, Deposition Date:		
	╂╼┤	02/09/1999		
	1	Summary Information - Green Fluorescent	www.rcsb.org	_
		Protein S65T At pH 4.6 by M. A. Elsliger, R.		
		M. Wachter, K. Kallio, G. T. Hanson, and S.		
0		J. Remington from Protein Data Bank,		
		Deposition Date: 08/21/1999		

(Rev. 5/92)		Attorney Docket Number:		Serial Number:		
Information Disclosure Statement List		MLY-5		09/551,380		
By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if property)		Applicant:				
		Chang et al.				
		Filing Date:		Group Art Unit:		
	MAY 3 1 2005		April 18, 2000 Confirmation No:		1652	
! .#		2514				
	Tana de la constante de la con					
CJA	Summary Information - Str Yellow-Emission Variant O Wachter, MA. Elsliger, K. Hanson, and S. J. Remingto Data Bank, Deposition Date	f Gfp by R. M. Kallio, G. T. n from Protein	www.rcsb.org			
EXAMINER LANGE Trond		DATE CONSID	0105			
Examiner:	initial if citation considered, wh draw line through citation if not this form with the next commun	in conformance a	nd not considered.	ce with MPEP	609; , of	